

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** September 20, 2006

**Inspector:** David Stowe, BSC Group

**Location:** 345kV XLPE Component

**Storm/**

**Rain Event:** No recent precipitation data was available from NOAA at the time of inspection. Reporting appears to have been interrupted and incomplete for the month of September

Areas of Inspection	Observation	Recommended Action	Corrective Action
Access Roads and Adjacent Roadways	<p>-At the jack and bore of East Swamp Brook, the jacking pit repair has been graded and restored and grass growth was noted. 9/20/06.</p> <p>- A small area along the ball park access drive remains disturbed due to trailers having parked there 8/16-9/20/06</p> <p>- Restoration was still necessary at vault 2. All adjacent roadside areas are in good shape. 9/20/06</p>	<p>- The area was well restored. Continue to monitor for final stabilization. 9/20/06.</p> <p>- Restore this adjacent area if feasible. This may have been the pre-existing condition of the area. 9/20/06</p> <p>- Plan to restore all areas after access is complete. 8/16-9/20/06</p>	<p>- Grass growth was noted</p> <p>- Restore if necessary.</p> <p>- Needs attention at vault 2.</p>
Trench and foundation construction	<p>-The jacking pad repair area was graded and restored and grass growth is noted. 9/20/06</p> <p>-Vault access was not noted during the inspection. 9/20/06</p>	<p>-None. 9/20/06</p> <p>-Restore areas as necessary. 9/20/06</p>	<p>-N/A</p> <p>- N/A</p>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>- The jack &amp; bore was restored including a section of erosion control matting. Grass growth was noted. 9/20/06</p>	<p>-Continue to monitor for final stabilization. 9/20/06</p>	<p>-Grass growth was noted.</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
	<ul style="list-style-type: none"> <li>- Silt fence is down at vault 2A&amp;B and the area needs revegetation due to the previous parking and traffic here. 9/7-9/20/06</li> <li>- A small concrete washout was noted here at the edge of the woods 9/13-9/20/06</li> <li>-The erosion control blankets remained in place along the streambank. Vegetation remains sparse along the banks. 9/13-9/20/06</li> <li>- The lawn area along the ball park access continue to have good grass cover and silt fence is in good shape. 9/20/06</li> <li>- Vault 5 has been loamed, seeded and mulched. 9/13-9/20/06</li> </ul>	<ul style="list-style-type: none"> <li>-The area will need to be permanently re-seeded and restored. 8/16-9/20/06</li> <li>- Work is gone from the area so this is an old washout Clean up if feasible. 9/13-9/20/06</li> <li>-Continue to monitor until vegetation has established. 8/16-9/20/06 Consider adding more grass seed along the bank to get some cover. Fall seeding should generally be completed by Oct 15. 9/13-9/20/06</li> <li>- Continue to monitor until vegetation has fully established. 9/20/06</li> <li>- Continue to monitor for final stabilization and grass growth. 9/13-9/20/06</li> </ul>	<ul style="list-style-type: none"> <li>-Needs attention immediately before the end of the growing season.</li> <li>-Needs attention if feasible.</li> <li>-May need attention before the end of the growing season.</li> <li>-N/A</li> <li>- Area was restored</li> </ul>
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> <li>-The banks of East Swamp Brook remain in good shape but could use additional vegetation. 9/7-9/20/06</li> <li>- The restored wetland at the base of slope at Hoyts Hill had established vegetative cover. Areas of ponding water were also noted. 8/30-9/20/06</li> </ul>	<ul style="list-style-type: none"> <li>-Continue to monitor until final stabilization and consider adding grass seed for cover. 9/7-9/20/06</li> <li>- Continue to monitor until final stabilization. Vegetative growth continues. 9/20/06</li> </ul>	<ul style="list-style-type: none"> <li>May need attention prior to the end of the growing season</li> <li>-N/A</li> </ul>
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> <li>-The D&amp;M plan and clearance letter states that state-listed species are not located in this work area.</li> <li>-The wood turtle was</li> </ul>	<ul style="list-style-type: none"> <li>- N/A</li> <li>-345kV XLPE crews should also be performing daily walkthroughs before</li> </ul>	<ul style="list-style-type: none"> <li>-N/A</li> <li>- N/A</li> </ul>

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	noted at Plumtree Substation during the 5/25/06 inspection.	moving equipment if working in this vault. Be vigilant when moving equipment. 4/26-9/20/06	
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> <li>- Most restored areas had noticeable grass growth. 8/24-9/20/06</li> <li>- Vault 2 needs to be restored due to the heavy parking traffic. 9/7-9/20/06</li> <li>- The area near vault 5 has been restored 9/13-9/20/06</li> <li>- The jacking pit pad was fully restored and grass was starting to grow. 9/20/06</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to monitor for stabilization and restore any recently accessed areas as necessary. 8/16-9/20/06</li> <li>- Seed and restore the area prior to the end of the growing season. 9/7-9/20/06</li> <li>- Continue to monitor. 9/13-9/20/06</li> <li>- Continue to monitor. 9/20/06</li> </ul>	<ul style="list-style-type: none"> <li>- Needs attention when access is complete</li> <li>-Needs attention</li> <li>-Area was restored</li> <li>- Grass growth was noted</li> </ul>
Dewatering	- Dewatering was complete. 9/20/06	- None. 9/20/06	- N/A
Soils	- Topsoil remains stripped and stockpiled at the contractor yard. 3/15-9/20/06	- None at this time. Controls are well installed here. 3/15-9/20/06	- N/A
Spills and Material Storage Areas	- Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-9/20/06	<ul style="list-style-type: none"> <li>- Report spills immediately, even if they are being controlled.</li> <li>- Any fuels and agents not in use should be covered and stored before leaving for the day.</li> <li>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</li> </ul>	-N/A at the time

**Next likely scheduled inspection:**

Friday September 29, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:** Diana Walden for David Stowe, BSC Group





345kV XLPE: Photo on the left shows the restored area in the ball-park with good grass cover establishing. Photo on the right shows the streambank with patchy vegetation returning. Additional seed or cover may be necessary prior to the end of the growing season. Oct 15 is generally recommended as the end of fall seeding. 9/20/06



Photo on the left shows the jacking pit at the jack & bore following restoration. Grass is beginning to grow in the recently seeded areas. Photo on the right shows a section of erosion control matting installed with adjacent grass growth. 9/20/06